



Cy E

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/832,505  
Patent No.: 6,816,242  
Filed: April 10, 2001  
Issued: November 9, 2004  
Inventor(s):  
Shie Qian and Nanxiong Zhang

Examiner: Nguyen, Tu T.  
Group/Art Unit: 2877  
Atty. Dkt. No: 5150-55200

Title: SYSTEM AND METHOD  
FOR PERFORMING TIME  
DOMAIN  
REFLECTOMETRY  
USING GUASSIAN  
PULSES

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Jeffrey C. Hood

Name of Registered Representative

*Jeffrey C. Hood*

Signature

2/15/2005

Date

TRANSMITTAL LETTER

Certificate  
FEB 25 2005  
of Correction

Commissioner for Patents  
P.O. Box 1450,  
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith for filing in the captioned case are the following:

- (1) Form PTO-1050, **submitted in duplicate**. Errors which occur at important points in the captioned patent or which may otherwise affect the understanding or interpretation of the patent are thereon corrected.
- (2) A return postcard to acknowledge receipt of these materials. Please stamp and return this postcard to the undersigned.

All of the errors shown in PTO-1050 are due to Patent Office oversights. A Certificate of Correction is requested under 35 U.S.C. § 254. Applicants believe that no fees are required, however, should any fees be required, please deduct them from Meyertons, Hood, Kivlin, Kowert & Goetzel PC Deposit Account No. 501505\5150-55200/JCH.

Respectfully submitted,



Jeffrey C. Hood  
Reg. No. 35,198

Meyertons, Hood, Kivlin, Kowert & Goetzel PC  
P.O. Box 398  
Austin, Texas 78767-0398  
(512) 853-8800

Date: 2/15/2005

## UNITED STATES PATENT AND TRADEMARK OFFICE

**CERTIFICATE OF CORRECTION**

PATENT NO.: 6,816,242 B2

DATED: November 9, 2004

INVENTOR(S): Qian et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**In the Claims:**Column 20

Line 18, please delete "characterized" and substitute --characterize--.

Column 27

Line 3, please delete "feast" and substitute --least--.

Column 29

Line 26, please delete "plurality or permutations" and substitute --plurality of permutations--.

Column 30

Line 15, please delete " $\beta_p$ " and substitute -- $\alpha_p$ --.

Column 31

Line 29-30, please delete "selected, generating" and substitute --selected, thereby generating--.

## MAILING ADDRESS OF SENDER:

Jeffrey C. Hood, Esq.,  
Meyertons, Hood, Kivlin, Kowert & Goetzel PC  
P.O. Box 398  
Austin, Texas 78767-0398

PATENT NO. 6,816,242 B2

## UNITED STATES PATENT AND TRADEMARK OFFICE

**CERTIFICATE OF CORRECTION**

PATENT NO.: 6,816,242 B2

DATED: November 9, 2004

INVENTOR(S): Qian et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**In the Claims:**Column 33

Line 5, please delete "First" and substitute --first--.

Line 8, please delete "sea" and substitute --set--.

Line 12, please delete "estimates" and substitute --estimate--.

Line 12, please delete "if" and substitute --of--.

Line 35, please delete "permulations" and substitute --permutations--.

Column 34

Line 3, please delete "at" and substitute --of--.

Line 5, please delete "comprise of the M+1 parameters" and substitute --comprise M+1 parameter sets--.

Line 32, please delete "seas" and substitute --sets--.

Column 35

Line 34, please delete "waveform t generate" and substitute --waveform to generate--.

Line 35, please delete "clam" and substitute --claim--.

Line 42, please delete "ax" and substitute --are--.

## MAILING ADDRESS OF SENDER:

Jeffrey C. Hood, Esq.,  
Meyertons, Hood, Kivlin, Kowert & Goetzel PC  
P.O. Box 398  
Austin, Texas 78767-0398

PATENT NO. 6,816,242 B2

## UNITED STATES PATENT AND TRADEMARK OFFICE

**CERTIFICATE OF CORRECTION**

PATENT NO.: 6,816,242 B2

DATED: November 9, 2004

INVENTOR(S): Qian et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**In the Claims:**Column 36

Line 21, please delete "de" and substitute --the--.

Line 47, please delete "mare" and substitute --more--.

Column 40

Line 7, please delete "sad" and substitute --said--.

## MAILING ADDRESS OF SENDER:

Jeffrey C. Hood, Esq.,  
Meyertons, Hood, Kivlin, Kowert & Goetzel PC  
P.O. Box 398  
Austin, Texas 78767-0398

PATENT NO. 6,816,242 B2

## UNITED STATES PATENT AND TRADEMARK OFFICE

**CERTIFICATE OF CORRECTION**

PATENT NO.: 6,816,242 B2

DATED: November 9, 2004

INVENTOR(S): Qian et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**In the Claims:**Column 20

Line 18, please delete "characterized" and substitute --characterize--.

Column 27

Line 3, please delete "feast" and substitute --least--.

Column 29

Line 26, please delete "plurality or permutations" and substitute --plurality of permutations--.

Column 30Line 15, please delete " $\beta_p$ " and substitute -- $\alpha_p$ --.Column 31

Line 29-30, please delete "selected, generating" and substitute --selected, thereby generating--.

## MAILING ADDRESS OF SENDER:

Jeffrey C. Hood, Esq.,  
Meyertons, Hood, Kivlin, Kowert & Goetzel PC  
P.O. Box 398  
Austin, Texas 78767-0398

PATENT NO. 6,816,242 B2

## UNITED STATES PATENT AND TRADEMARK OFFICE

**CERTIFICATE OF CORRECTION**

PATENT NO.: 6,816,242 B2

DATED: November 9, 2004

INVENTOR(S): Qian et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**In the Claims:**Column 33

Line 5, please delete "First" and substitute --first--.

Line 8, please delete "sea" and substitute --set--.

Line 12, please delete "estimates" and substitute --estimate--.

Line 12, please delete "if" and substitute --of--.

Line 35, please delete "permulations" and substitute --permutations--.

Column 34

Line 3, please delete "at" and substitute --of--.

Line 5, please delete "comprise of the M+1 parameters" and substitute --comprise M+1 parameter sets--.

Line 32, please delete "seas" and substitute --sets--.

Column 35

Line 34, please delete "waveform t generate" and substitute --waveform to generate--.

Line 35, please delete "clam" and substitute --claim--.

Line 42, please delete "ax" and substitute --are--.

-----  
MAILING ADDRESS OF SENDER:

Jeffrey C. Hood, Esq.,  
Meyertons, Hood, Kivlin, Kowert & Goetzel PC  
P.O. Box 398  
Austin, Texas 78767-0398

PATENT NO. 6,816,242 B2

## UNITED STATES PATENT AND TRADEMARK OFFICE

**CERTIFICATE OF CORRECTION**

PATENT NO.: 6,816,242 B2

DATED: November 9, 2004

INVENTOR(S): Qian et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**In the Claims:**Column 36

Line 21, please delete "de" and substitute --the--.

Line 47, please delete "mare" and substitute --more--.

Column 40

Line 7, please delete "sad" and substitute --said--.

## MAILING ADDRESS OF SENDER:

Jeffrey C. Hood, Esq.,  
Meyertons, Hood, Kivlin, Kowert & Goetzel PC  
P.O. Box 398  
Austin, Texas 78767-0398

PATENT NO. 6,816,242 B2